

# Marshall Randolph

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PORTFOLIO

[GITHUB](#)

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Bay Area, CA

## SKILLS

Ruby, Ruby on Rails, RSpec, JavaScript, jQuery, React, Redux, SQL, Git, HTML5, CSS3

## PROJECTS

**MyPx** (Ruby, Rails, ReactJS, Redux, JavaScript, CSS, HTML, SQL)

[live](#) | [github](#)

*MyPx is a showcase for photographers to share their work and connect with other photographers*

- Implemented user authentication using BCrypt hashing algorithm and SecureRandom for session management eliminating the need to store user passwords to complete authentication
- Implemented a custom modal with drag and drop capability providing users with multiple options to select files to upload
- Designed scrollable CSS carousel reducing the amount of screen real estate dedicated to single component on page
- Created custom SQL queries and reduced server load through the utilization of Active Record associations to extract data from multiple tables in a single query

**Outfitter** (MongoDB, Express, ReactJS, Node.js, Redux)

[live](#) | [github](#)

*A wardrobe selector using MongoDB, Express, React / Redux*

- Implemented user authentication using passport jwt, BCrypt hashing algorithm, and local storage
- Styled React components with CSS creating a visually appealing user experience
- Leveraged React local state and Redux global state to build category and item selectors allowing users to narrow wardrobe choices based on specified criteria

**4096** (JavaScript, CSS, HTML, Canvas)

[live](#) | [github](#)

*4096 is an addictive tile game based on the popular 2048 game*

- Implemented custom collision detection between tile objects to produce the effect of sliding and combining tiles
- Decreased graphic rendering lag through the use of HTML5 Canvas and animation frames, resulting in a more realistic gaming experience
- Implemented custom movement solution to allow all available tiles to move simultaneously

## EXPERIENCE

### Project Analyst

*AmerisourceBergen*

Aug 2015 - Jan 2018

- Designed and implemented work order integration solution for shortages and missing items preventing work stoppages and reducing user calls to technical support teams by 90%
- Created classroom curriculum to train 100+ floor associates on new job requirements and actions post WMS conversion.
- Reduced overtime hours by 30% in the first 90 days through task standardization, reduced exception processing, and mentoring supervisors on best practices

### Business Systems Analyst II

*Charming Charlie*

Jul 2012 - Jul 2015

- Identified and resolved store allocation defect resulting in \$1,000,000 reduction in allocated store inventory
- Designed and implemented reserve allocation and selection process for DC to support shift in company purchasing strategy
- Designed semi-automated markdown workflow completely eliminating pricing errors and reducing analyst workload by 75%
- Subject matter expert for supply chain distribution for Oracle RMS implementation responsible for managing unit, integration and acceptance testing cycles
- Created and maintained distribution enhancements roadmap with DC leadership

## EDUCATION

**Web Development** - App Academy | May 2019

**BS Business Administration** - Washington University in St. Louis | 2001 - 2005